SEQUENCE LISTING

	<110> Hart, Charles E. Gilbertson, Debra G.																
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    gga agt att cac agc cca agg ttt cct cat act tat cca aga aat acg 70 arg phe pro 65
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Val Leu Val Trp Arg Leu Val Ala Val Glu Glu Asn Val Trp Ile Gln
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              510
                                                                                                  tgc aag tat gat ttt gta gaa gtt gag gaa ccc agt gat gga act ata
tys case tys Tyr Asp Phe Val Glu Val
                                                                                                        toc and tat gat the value of th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               558
                                                                                                                                   tta ggg cgc tgg tgt ggt tct ggt act gta cca gga aaa cag att tct

tta ggg cgc tgg tgt ggt ser Gly Thr Val Pro Gly Lys Gln Ile Ser

Leu Gly Arg Trp Cys Gly Ser
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tta ggy Arg Trp Cys 125

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Arg Phe Pro
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Lys GIY Asn GIN 140
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                                                                                                                                                                                                     tct gaa cca ggg ttc tgc atc cac tac aac att gtc atg cca caa ttc acc tac aac att gtc atg cca caa ttc gtc atg cca caa ttc gtc atg cca ggg ttc tgc atc cac tac aac att gtc atg le his 160 lect gaa cca ggg ttc tgc atc cac tac aac att gtc atg lee lect gaa cca ggg ttc tgc atc cac tac aac att gtc atg lee lect gaa cca ggg ttc tgc atc cac tac aac att gtc atg lee lect gaa cca ggg ttc tgc atg cca caa ttc gtc atg lee lect gaa cca ggg ttc tgc atg cca caa ttc gtc atg lect gaa lect gaa cca ggg ttc tgc atg cca caa ttc gtc atg cca caa ttc gtc atg lect gaa lect gaa gac att gtc atg cca caa ttc gtc atg lect gaa lect gaa ggg ttc tgc atg lect gaa gac att gtc atg lect gac atg l
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                                                                                                                                                                                                                                      aca gaa got gtg agt cot to ser val Leu Pro Pro Ser Ala Leu Pro Leu Thr Giu Ala Val Ser Pro Ser Val Leu Pro Pro Ser Ala Leu Pro Thr Giu Ala Val Ser Pro Ser Val Leu Pro Pro Ser Ala Leu Pro Pro Ser Val Leu Pro Pro Pro Ser Val Leu Pro Pro Pro Ser Val
                                                                                                                                                           120
                                                                                                                                                                                                                                          aca gaa got gtg agt cct tca gtg cta ccc cct tca gct ttg cca ctg

No pro Ser 180

aca gaa got gtg agt cct tca ser pro Ser 175

Thr Glu 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  150
                                                                                                                                                                                                                                                                     gac ctg ctt aat aat Asn Ala 11e Thr Ala Phe Ser Thr Leu Glu Asn Leu Asp Leu Asp Leu
                                                                                                                                                                                                                                                                           198
                                                                                                                                                                                                                                                                                                        att cga tat ctt gaa cca gay aga trp Gin Leu Asp Leu Giu Arg Trp Gin 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   846
                                                                                                                                                                                                                                                                                                                                        tat agg cca act tgg caa ctt ctt ggc aag gct ttt gtt ttt gga aga Arg
Tyr Arg Pro Thr Trp Gin Leu Leu Gly Lys Ala Phe Val Phe Gly Arg
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Tyr Arg Pro Thr 220
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gctt agaa cttc ttac ggta aact	caagattagaatcatgatgatgatgatgatgatgatgatgatgatgatgatga	ga c ga g gt g ta c ca g ag c	cttt ttgt gaaa gtat taca tcca attc	cato gcaa gaaa tcca ggaa tgtc acat	t to ago a tto a a a a a a tg	agga ctct aaat gctg aact ggcc taaa	ttta tttg gttg ggtt gtgc taaa ccag	cag aga tat ctg aag atc	tgca ggag taaa tatt tgag gtat attc	ttc gcc tag tca cac aaa tat	tgaa taaa atca gttc ctga atct gtac	agag ggac ccag tttc ttcc ggat taca	ga g ag g ct a ga t gt t tt t aa c	acat agaa gttt acgg gcct tttt	tgttt caaac aaggt cagag cttag tgctt ttttt	1291 1351 1411 1471 1531 1591 1651 1711 1760

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Tyr His Glu Val Leu Gln Leu Arg Pro Lys Thr Gly Val Arg Gly Leu
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ctg aca tct gcc ctg gcc ggc caa aga acg ggg act cgg gct gag tcc
Leu Thr Ser Ala Leu Ala Gly Gln Arg Thr Gly Thr Arg Ala Glu Ser
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                         15
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	-	-	_			_	_	_		-	gac Asp	•		•	1360
					_				_	_	gga Gly	-	_		1408
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			ccc Pro													1840
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			aaa Lys 300													1984
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Val Val Thr Ile Ser Gly Asn Gly Ser Ile His Ser Pro Lys Phe Pro
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His Thr Tyr Pro Arg Asn Met Val Leu Val Trp Arg Leu Val Ala Val
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Glu Asp Pro Glu Asp Asp Ile Cys Lys Tyr Asp Phe Val Glu Val Glu
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Val Pro Gly Lys Gln Thr Ser Lys Gly Asn His Ile Arg Ile Arg Phe
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Val Ser Asp Glu Tyr Phe Pro Ser Glu Pro Gly Phe Cys Ile His Tyr
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Ser Ile Ile Met Pro Gln Val Thr Glu Thr Thr Ser Pro Ser Val Leu
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Phe Ser Thr Leu Glu Glu Leu Ile Arg Tyr Leu Glu Pro Asp Arg Trp
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Val Ser Ile Arg Glu Glu Leu Lys Arg Thr Asp Thr Ile Phe Trp Pro
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Gly Cys Leu Leu Val Lys Arg Cys Gly Gly Asn Cys Ala Cys Cys Leu
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Tyr His Glu Val Leu Gln Leu Arg Pro Lys Thr Gly Val Lys Gly Leu
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		275					280	Ile				285			
	290					295		Leu ·			300				
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				325				Glu	330					335	
His	Ile	Lys	Arg 340	Arg	Gly	Arg	Ala	Lys 345	Thr	Met	Ala	Leu	Va1 350	Asp	Ile

Gln Leu Asp His His Glu Arg Cys Asp Cys Ile Cys Ser Ser Arg Pro 355 360 365

Pro Arg 370